

Navigate any case with ease.

Navigator Applications Suite



The more clearly
you can see,
the more confidently
you can decide.

Clarity. Confidence. Insight. Trust.

With an exclusive set of intelligent clinical tools – together for the first time ever – to help you most effectively address the clinical situation at hand.

Navigator™ Applications Suite is a smart technology that analyzes drug therapy information to model and predict the effect of supported anesthesia-related drugs and drug interactions. It helps you determine effective treatment plans for each patient. And adjust them as needed based on quick access to a continuous flow of centralized, relevant information.

Navigator Applications Suite also centralizes your hospital's own care protocols along with diagnostic device information – all in one place for easy, immediate access and reference. With Navigator Applications Suite, you have the reassurance that your care decisions are guided by the experience and proven best practices of your hospital's approved clinical protocols.

See. Know. Act.

Navigator Applications Suite cuts through data clutter. Puts real, reliable, relevant information at your fingertips. And helps you personalize care.



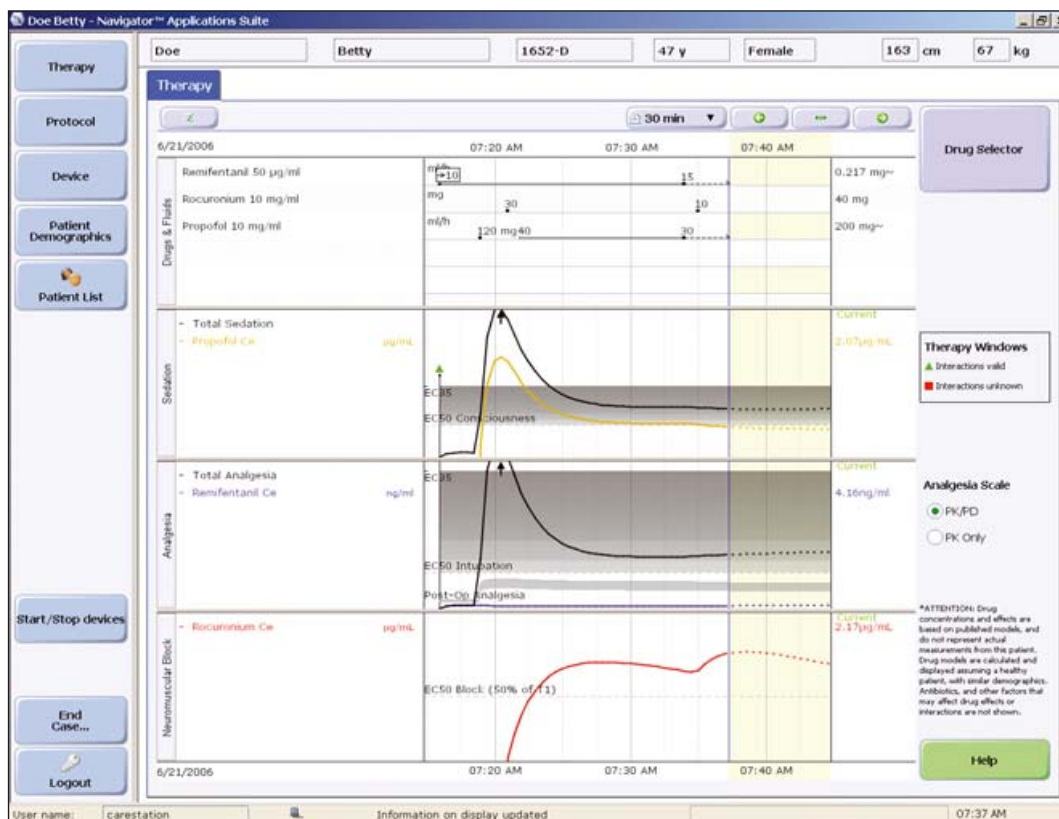
Navigator Therapy

Navigator Therapy helps bring better balance to anesthesia management. It collects data from IV pumps, patient monitors and the anesthesia delivery system. And applies predictive pharmacokinetic and pharmacodynamic modeling to that data. By helping you visualize the modeled effects of anesthesia drugs and their interactions. So decision support is enhanced.

Navigator Therapy:

- Displays a pharmacokinetic effect for select sedation, analgesia and relaxation drugs
- Visualizes the modeled pharmacodynamic effect of sedation (propofol) and analgesia (remifentanyl, alfentanil, fentanyl, sufentanil) drugs

- Displays the modeled synergistic effect of propofol and four analgesia drugs
- Projects the future effect site concentrations based on the pharmacokinetic models
- Connects to a selection of infusion pumps to help minimize drug entry efforts
- Displays comprehensive trend information on administered drugs
- Captures inhaled drug data to display modeled pharmacokinetics



Drug titration

Drug synergy displays help with effective titration, by showing the modeled effects and possible interactions of the administered drugs. This can help you balance your delivery of hypnotics and analgetics.

Prediction

Using Navigator Therapy helps you assess induction methods, Determine proper maintenance levels. Assess when additional drug therapy may not be providing value. And transition to post-operative recovery.

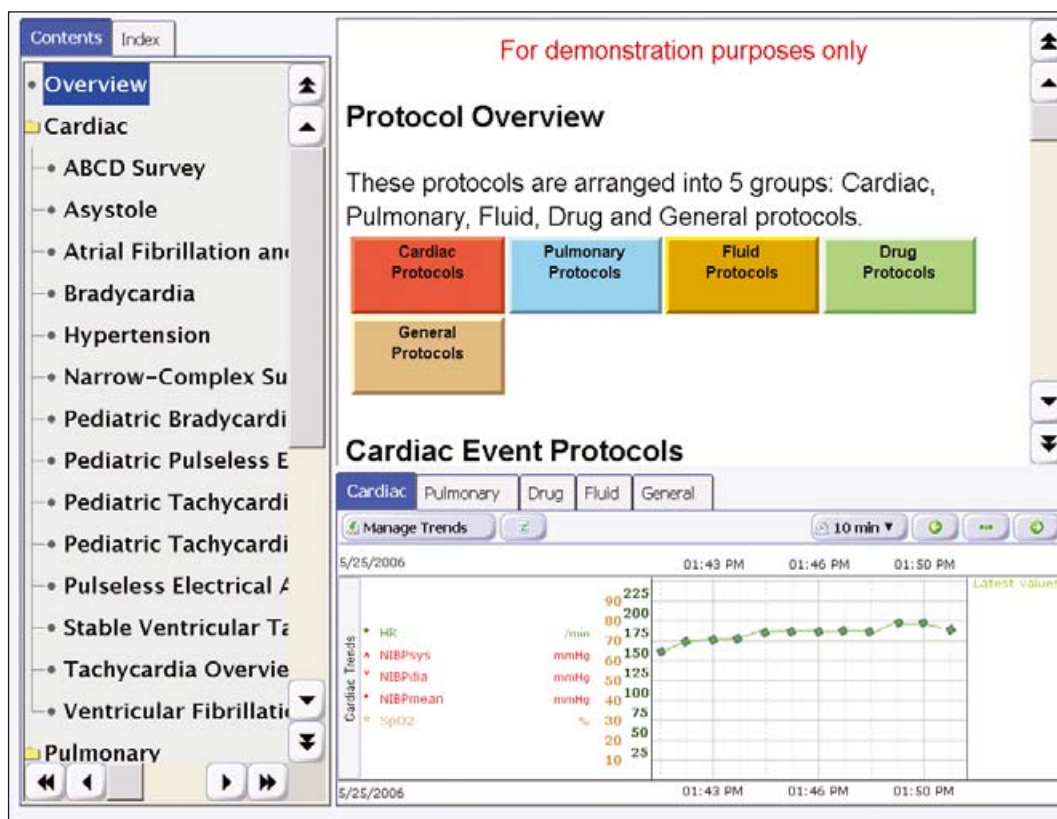
Patient safety

Navigator Therapy helps indicate incorrect data entry and visualizes drug interactions in seconds based on published patient models.

Navigator Protocol

Quick access to your hospital's standard, specific clinical care protocols helps you standardize procedures. Right at the point of need. And make more confident decisions at a critical time.

With Navigator Protocol, your hospital's own care protocols are close at hand – all easily searchable and accessible for clear guidance when you need it. The result: robust procedural safety and quality through timely access to approved protocols.



Comprehensive

Immediate, interactive, searchable access to the standard clinical protocols of your hospital lets you find the information you need quickly.

Connected to care

Each patient's trended parameters are optionally displayed along with the protocols. These trended parameters can be configured the way you want them displayed, helping you link protocols to treatment plans.

Intuitive

Easily organize your protocols according to your specific needs – such as in organ-specific or task-specific groups – and configure them with specific standard operating procedures from your hospital.

Navigator Device

Anesthesia delivery devices have evolved into highly complex systems. If there's a technical problem, time is of the essence.

Navigator Device helps you identify and trouble-shoot anesthesia machine problems quickly and directly, to help reduce system downtime. It provides easy, immediate, online device trouble-shooting of GE Aisys®, ADU™ and Avance® anesthesia delivery systems. And it displays clear diagnostic information and the steps you should take for fast, corrective action.

The screenshot displays the Navigator Device interface. On the left is a navigation pane with a 'Contents' tab and an 'Index' tab. The 'Contents' tab is active, showing a list of troubleshooting topics. The 'Check Flow Sensors' item is highlighted in blue. Below the list are navigation arrows. The main content area on the right is titled 'Check flow sensors' in green. It contains three sections: 'Source' (Anesthesia machine), 'Cause' (System has detected an improper flow pattern in the breathing circuit), and 'Action' (Ensure the internal flow sensors are connected correctly). Below the action text are two diagrams of a flow sensor assembly. The first diagram shows the sensor connected to a port with a blue arrow labeled '1' pointing to the sensor and a blue arrow labeled '2' pointing to the port. The second diagram shows the sensor connected to a different port with a blue arrow labeled '4' pointing to the sensor and a blue arrow labeled '3' pointing to the port. The interface also features a vertical scrollbar on the right side.

Accessible

Get the big picture with easy, one-click access to GE anesthesia device technical alarms and their history.

Clear guidance

Clear, concise, visual step-by-step trouble-shooting instructions are quickly available when needed at the point of care.



Navigator Applications Suite combines three functionalities – pharmacokinetic/ pharmacodynamic modeling, care protocols and device diagnostics – all integrated into your Carestation.

The brain behind Carestation.

Navigator Applications Suite is one component of the GE Carestation® – the intelligent way of managing life-critical information to help you make informed decisions for your patients.

Only Carestation integrates leading GE Healthcare technologies – including the most advanced therapy delivery, patient monitoring, clinical information and Navigator applications – in a simple, smart system that broadens your peripheral vision and streamlines your efficiency.

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Carestation integrates leading GE technologies – advanced therapy delivery, monitoring, clinical information and imaging plus Navigator software applications – into a simple, smart system. The Carestation way of managing life-critical information helps you make informed decisions for your patient. Carestation simplifies and enhances the delivery of customized care with Intelligence Integrated.

Healthcare Re-imagined

GE is dedicated to helping you transform healthcare delivery by driving critical breakthroughs in biology and technology. Our expertise in medical imaging and information technologies, medical diagnostics, patient monitoring systems, drug discovery, and biopharmaceutical manufacturing technologies is enabling healthcare professionals around the world to discover new ways to predict, diagnose and treat disease earlier. We call this model of care “Early Health.” The goal: to help clinicians detect disease earlier, access more information and intervene earlier with more targeted treatments, so they can help their patients live their lives to the fullest. Re-think, Re-discover, Re-invent, Re-imagine.

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GE imagination at work